

### Short Bio – ABRAHAM ESTEVE-NÚÑEZ

Principal investigator of the Bioe Group, his scientific activity focuses on environmental biotechnology; specifically, in the use of electromicrobiology for bioremediation of water (urban and industrial) and natural environments, as well as the detection of pollutants.

After his postdoctoral stays at UMass-Amherst (USA) and the Astrobiology Center (INTA / CSIC, Madrid), in 2009 he joined the Universidad de Alcalá through the Ramón y Cajal programme and since 2013 he has been a Professor in Chemical Engineering.



Supervisor of 12 defended doctoral theses, with another 8 in progress, and more than 20 master's theses, he is the author of more than 80 scientific publications, 13 book chapters, and 7 national and international patents.

He has participated and coordinated 30 national and European projects, including iMETland (awarded by KETBIO), ELECTRA (EU-China Flagship), MIDES , ATTRACT, TRINEFLEX and NYMPHE all from the Horizon2020 and HORIZON EUROPE programme.

Among his technology transfer activities, he founded the start-up METfilter and Nanoelectra. Its METland® solution was chosen in 2020 among the top three in the field of biotechnology in Europe. In 2016 and 2020 he was awarded the First Prize of the International Excellence Campus Smart Energy for different works. In 2021 he was honoured by the International Society for Microbial Electrochemistry and Technology (ISMET) with the Innovation Award for the development of the modular METland® technology.